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For the Czech Centre for Phenogenomics (CCP)  
hosted by the Institute of Molecular Genetics of the Czech Academy of Sciences (IMG),  
we announce an open position of

## Senior Bioinformatician

### Core responsibilities

- Analysis of images and developing programs for automatic using AI
- Or modelling 3D structure proteins and their interactions using 'alpha-fold' SW and aiming to find new structure modulators
- Actively engage in the development and support of process automation initiatives to streamline workflow and drastically reduce time spent on manual data exports
- Lead small team of bioinformatics and performing your own research
- Analysis of NGS data
- Analysis of big phenotyping data

### Requirements

- Willingness to learn and develop new solutions in data preprocessing
- Experienced in R or in Python (knowledge of other languages like MySQL is an advantage)
- Proficient in Linux and Shell scripting
- Knowledge of statistical analysis
- Fluency in English (both written and spoken)
- Good communication skills
- Capability to work both in a team and independently
- Creative and able to find innovative solutions
- M.Sc. in bioinformatics, statistics, mathematics, or related subject, with a relevant track record in the field

### Why join us?

- You will become part of an international environment of excellent research facility
- We offer stable work position with a competitive salary/dependent on experience
- Diverse and creative work, flexible working hours
- Wide spectrum of benefits provided by the IMG and the Czech Academy of Sciences
- Full-time or part-time contract possible

The employer is the IMG. The workplace is the CCP building in BIOCEV campus in Vestec.

Applications consisting of covering letter and structured CV (all in English) or questions related to the position should be sent to Mrs. Jana Šafránková ([jana.safrankova@img.cas.cz](mailto:jana.safrankova@img.cas.cz)).

We thank all who apply for their interest; however, only those candidates who are considered for an interview will be contacted.

CCP (<http://www.phenogenomics.cz>) is a large research infrastructure that provides unique services for the biomedical and biotechnology research community in the fields of genome editing, phenotyping and animal model research.

### **Personal data processing**

For the purposes of the open competition for this position, the Institute of Molecular Genetics of the Czech Academy of Sciences, ID No. 68378050, residing at Vídeňská 1083, Prague 4 - Krč, Czech Republic, in the role of Administrator shall process personal data provided by you (or obtained from public sources) in accordance with the General Data Protection Regulation (EU) 2016/679. By answering this advertisement, you provide your personal data to the Administrator for the purposes and for the duration of the open competition. In relation to processing your personal data, you have the following rights: (i) to access your personal data, (ii) to have corrected or completed inaccurate or untrue personal data, (iii) to erasure of your personal data if not any longer needed for the purposes for which they have been collected or otherwise processed, or if you find that they have been processed illegally, (iv) to restriction of your personal data processing in special cases, (v) to data transferability, and (vi) to raise a complaint after which processing of your personal data shall be arrested if no serious justified reasons for their processing prevail over your interests or rights and freedoms, in particular, if they are needed for possible exaction of legal claims, and (vii) to address the Office for Personal Data Protection. Additional information on data processing by the Institute of Molecular Genetics of the Czech Academy of Sciences, ID No. 68378050, residing at Vídeňská 1083, Prague 4 - Krč, Czech Republic, can be obtained from Data Protection Officer J. Oliberiusová, JD.